

Date: Sat, 24 Sep 94 04:30:20 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #342  
To: Ham-Equip

Ham-Equip Digest Sat, 24 Sep 94 Volume 94 : Issue 342

## Today's Topics:

AM Sensitivity Problem with TM-241A ??  
Cuscraft R5 4 sale \$200 shipped, 4 mos old  
FT-840 Mods Wanted (2 msgs)  
Garage door remote control--->parts?  
How to make hole for mobile antenna?  
Motorola Sabre HELP  
Owners/Service manual for IC-211A  
Radio Shack HTX-202: Good Buy  
SONY ICF-2010 MODS  
TH79a For Sale

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>

Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 22 Sep 1994 19:23:57 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!news.duke.edu!  
zombie.ncsc.mil!cs.umd.edu!newsfeed.gsfc.nasa.gov!botanybay.gsfc.nasa.gov!  
user@network.ucsd.edu  
Subject: AM Sensitivity Problem with TM-241A ??  
To: ham-equip@ucsd.edu

I've got two Kenwood TM-241A 2m transceivers. I've had one for several years now and use it regularly for AM receive. I'm happy with it. I just bought another one and it can barely pick up anything on AM. The two rigs definitely have two different sensitivity levels when it comes to AM. FM works fine on both rigs. Has anyone else experienced this type of problem?

Deane R. Charlson  
Microwave Technology Branch, Code 737  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771

deane.r.charlson@gsfc.nasa.gov  
dcharlson@ccmail.gsfc.nasa.gov  
Phone: (301) 286-5952  
Fax: (301) 286-1750

---

Date: Thu, 22 Sep 1994 08:48:15 -0500  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!  
news.sprintlink.net!news.infi.net!shipping.ipctech.com!user@network.ucsd.edu  
Subject: Cuscraft R5 4 sale \$200 shipped, 4 mos old  
To: ham-equip@ucsd.edu

No bent radials, used for short period of time. Really great antenna but I want to get the AEA IsoLoop for field use. I will disassemble, pack in original Cuscraft shipping carton and ship UPS Ground for \$200 John K04MY Richmond, VA

email to jmp@ipctech.com

---

Date: Fri, 23 Sep 1994 08:25:42  
From: ihnp4.ucsd.edu!agate!spool.mu.edu!howland.reston.ans.net!  
news.sprintlink.net!news.world.net!news.teleport.com!ip-cb.teleport.com!  
newmedia@network.ucsd.edu  
Subject: FT-840 Mods Wanted  
To: ham-equip@ucsd.edu

As the subject implies, I'm looking for TX mods on the new FT-840 xcvr, a very nice radio with a HOT receiver. Any suggestions?

Jim

---

Date: 23 Sep 94 18:51:23 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!aries!  
hawley@network.ucsd.edu  
Subject: FT-840 Mods Wanted  
To: ham-equip@ucsd.edu

newmedia@teleport.com (Jim Swenson) writes:

>As the subject implies, I'm looking for TX mods on the new FT-840 xcvr, a very nice radio with a HOT receiver. Any suggestions?  
>Jim

A friend of mine had one recently and had trouble keying a linear with the

keying output. He had to increase the drive into the keying output xistor to sink current over about a milliamp. Has anyone else had this problem? As usual, the distributor had no clue.

Chuck Hawley, KE9UW in Urbana, Illinois  
hawley@aries.scs.uiuc.edu  
School of Chemical Sciences, Electronic Services  
University of Illinois, Urbana-Champaign

---

Date: 22 Sep 1994 21:58:35 GMT  
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!  
vixen.cso.uiuc.edu!news.uoregon.edu!netnews.nwnet.net!news.u.washington.edu!  
seymour@network.ucsd.edu  
Subject: Garage door remote control--->parts?  
To: ham-equip@ucsd.edu

In article <1994Sep18.101152.6901@grian.cps.altadena.ca.us>,  
Mike Morris <morris@grian.cps.altadena.ca.us> wrote:  
>sharpe@u.washington.edu (William Sharpe) writes:  
>  
>(edited for brevity)  
>  
>>Does anybody have suggestions as to how to find a  
>>transmitter unit for an older (approx 15 yr) remote control garage door  
>>opener? Motor is a "Stan-O-Matic" and separate remote control unit is  
>>made by Multi-Elmac Corp. or Novi, Michigan.  
>  
>>I've got an older model garage door remote control opener with only one  
>>working remote transmitter. I'm trying to get my hands on a second  
>>transmitter without much success. Have called various garage door  
>>installers in the area with no luck. Seems remote control garage door  
>>technology has evolved over the past 15 years such that they don't have  
>>compatible transmitters and have few suggestions (other than buying a new  
>>unit, of course).  
>  
>One of the best deals around on this kind of stuff is to go to Sears.  
>They have available (perhaps not on the shelf of your local store - but  
>they can get it) a complete replacement radio control system with one  
>receiver and one transmitter for about \$50. A second TX is about  
>\$12-15. These are full digital. A fancier 3-button unit that will  
>control a couple of little lamp on/off modules costs a little more.  
>

well... i'm in the midst of this too... and the old units used 110vac instead of the current 24vdc... so your receiver may also need a

24 v supply.

i just bought a genie trans/recv set at Home Depot (\$36?) ... but they didn't stock the power supply.

if you dial 1-800-ok-genie they'll supply the name/number of local nuts-and-bolts vendors of these things. one i tried said it was \$50 for the trans/recvr set, plus about \$24 for the power supply.

the genie set does \*not\* come with schematics, but they do list the wire colors/functions.

--dick (Stanley also sells such beasts...)

-----  
Date: 22 Sep 1994 12:01:31 -0700

From: ucsnews!sol.ctr.columbia.edu!news.kei.com!yeshua.marcam.com!  
zip.eecs.umich.edu!newsxfer.itd.umich.edu!gatech!howland.reston.ans.net!agate!  
barrnet.net!nntp.crl.com!crl4.@@ihnp4.ucsd.edu  
Subject: How to make hole for mobile antenna?  
To: ham-equip@ucsd.edu

Riyadth Al-Kazily (riyadth@boi.hp.com) wrote:

: Hello,

: Having recently bought a new Nissan Pathfinder, and a Yaesu FT-5100  
: to put in it, I now have the pleasant task of drilling a hole to place  
: the antenna on the roof. However, my Larsen NMO-K mount says I need a  
: 3/4" hole, and my largest drill bit is 1/2". I have hole saws available,  
: but they are toothed for wood, and I don't want to try that out on my new  
: car.

: What I need is a suggestion for making the hole large enough. Are  
: there special drill bits available for this task, or do I need some kind  
: of sheet-metal punch only available at a radio installer's shop? Any  
: suggestions would be helpful.

They actuall make a special drill bit for mounting the NMO antenna mount. Check with the local Motorola MSO they should have one. You might be able to get them to pop the hole in the roof. Other wise use a 3/4" chassis punch or pick up a "Unibit" these are available in a 3/8" shaft. They start at about 1/4" diamater and progress in steps to 3/4"

Ron  
N5HYH

-----  
Date: 23 Sep 94 22:29:00 GMT  
From: news-mail-gateway@ucsd.edu

Subject: Motorola Sabre HELP  
To: ham-equip@ucsd.edu

Harold, sri I can not see your internet address, hence I can not reply directly. The Saber has PC programming software. It also requires a Motorola interface for PC to radio. This interface can be used for many of the Motorola radios/repeaters etc. The software / interface are not "freebies" from Motorola. Also, considering the cost of the Saber - that seems a strange choice for a ham rig, and it only covers one band and probably not on the ham band without a MOD of some type. Do you have that MOD?

--  
73

=====

Robert Wood  
WB5CRG  
w5robert@blkbox.com (blkbox is NOT blackbox, inc.!)  
w5robert@blkbox.com@menuo.uh.edu

=====

-----  
Date: 22 Sep 1994 21:25:35 GMT  
From: cs.utexas.edu!howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!icon!hpchase.rose.hp.com!stan@uunet.uu.net  
Subject: Owners/Service manual for IC-211A  
To: ham-equip@ucsd.edu

The subject says it all. I am cleaning up a friends IC-211A ICOM 2 meter Multimode base station and could use the above manuals . A copy of the schematic as well would be great.  
I'll pay shipping and reproduction costs.

73

Stan

-----  
--  
-----  
- Stan Witherspoon N6SCE - Disclaimer -  
- Systems Technology Div. of Hewlett Packard - These are my personal opinions -  
- 8010 Foothills Blvd. - and do not represent the views -  
- Roseville Ca. 95678 (916) 785-5071 - of anyone or anything else. -  
- Email: ucbvax!hplabs!hprpcd!stan or stan@hprpcd.rose.hp.com -  
-----

---

Date: Thu, 22 Sep 1994 04:27:06 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swrinde!  
cs.utexas.edu!convex!dfw!pt6.dfw.net!user@network.ucsd.edu  
Subject: Radio Shack HTX-202: Good Buy  
To: ham-equip@ucsd.edu

> Mike Basinger (dbasinge@silver.ucs.indiana.edu) wrote:  
> : I just picked up a Radio Shack HTX-202 for \$199.00 (actually \$239.00,  
> : I got the extended 5 year full coverage warrenty). I got it today  
> : since they was on sale for \$60.00 off. I couldn't find a review of  
> : this unit anywhere. Did I get a get deal for this unit, and is this a  
> : fairly decent unit.  
>

Then, O.D. Williams N70ZH (odwill@xmission.com) replied

> Generally speaking, RipOff Shack doesn't care much for quality. The last  
> HT they made had a plastic case (bad news if you drop it) and such poor  
> audio drivers that the radio was absolutely unuseable inside a car, even  
> with the windows UP! About the only thing you ever get to say in a mobile  
> QSO is "Could you repeat that entire transmission? I didn't get a word of  
> it?"  
>  
> Here's hoping the 202 is better. Why don't you give us some feedback  
> about 30 days after your warranty runs out?  
>

Uh, OM... have you ever USED an HTX-202? Evidentially not, judging from  
your comment.

The 202 is a pretty good ham-band-only radio. Don't buy one if you want  
to listen to cops or paramedics or airplanes, because it won't tune out of  
the ham bands, either on purpose or accidentally. The receiver is tight,  
to cut down on out-of-band images and other problems that make a lot of  
the wide-band receive HTs sound real bad in metro areas. Using my  
two-year old 202 in downtown

Fort Worth (I don't work for Tandy, BTW), I don't hear a lot of the  
intermod and images, that I DO hear when using my Kenwood dual-band mobile  
radio, and both of 'em are hooked up to good mobile antennas.

As for the plastic case, suffice it to say that complaint is nonsense. I  
can't think of an HT made with a metal case, today, and probably wouldn't  
want to lug it around, if I could. My 202 has been handled quite  
realistically (pardon  
the pun! <g>), and still has no dents or gouges, and only one small scratch  
(from falling off the roof of the car at about 15mph - but that's another

story).

The audio on the 202 seems to me to be quite sufficient, louder than that of my Icom u4AT. The transmit audio, being true-FM, has been complemented more than once (the deviation was right at 3.8 kHz when I put it on a monitor after I got it ).

I'm happy with my 202, and I paid more for it than \$239. And though I also got the extended warranty, the regular warranty period is long since over, and I've yet to have to worry about getting it serviced, because it's never needed it. And, if my XYL can drag it around the country on her business trips and not break it, I consider one FB rig.

Again, the warning: don't buy the 202 if you want to receive or transmit outside of the 2 meter ham band. Not CAP. Not MARS. It won't do it. This is a ham band radio, designed by hams, for hams, and I think they did a pretty good job of it.

73 Wayne KF5ZC

Disclaimer: I run the Tandy forums on CompuServe. I don't work for Tandy, don't always agree with them, and certainly don't think that the 30 cents a quarter I get as a stock dividend is enough to sway my opinion about anything! <g>

---

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Tandy Forums  
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,\_\_o  
or Internet: wday@dfw.net | --\\_,  
Member: Bicycle Mobile Hams of America (\*)/('(\*)')

---

---

Date: 23 Sep 94 14:02:10 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: SONY ICF-2010 MODS  
To: ham-equip@ucsd.edu

HI , I WAS WONDERING IF ANYBODY KNEW IF THERE WERE ANY MODS AVAILABLE FOR THE SONY ICF-2010 SHORTWAVE RECEIVER AVAILABLE I DON'T HAVE FULL ACCESS TO THE NET ONLY E-MAIL. ALSO ARE THERE ANY MOD FILES AVAILABLE BY E-MAIL.

THANKS TONY KD1SF

HOFFMAA@PEWTER@LEIA.POL.COM

---

Date: 23 Sep 94 21:52:14 GMT  
From: news-mail-gateway@ucsd.edu

Subject: TH79a For Sale  
To: ham-equip@ucsd.edu

Hi All,

I'm posting this ad for a friend, who does not have access to INet.

FOR SALE: Kenwood TH79a (3mo old) complete. Has been moded for  
MARS/CAP (ie, green wire cut). No other mods.  
\$450.00, shipping included. M.O., Certified Check, Cash.

If you are interested, e-mail me directly.  
or call Sean Ring at 816-454-2970. That's in Kansas City, MO.

Thanks for the bandwidth (I don't have access to the news groups, where this  
should have been posted).

73 de KB0LRB Lynn  
geitgey@ukanvm.cc.ukans.edu  
geitgey@ukanvm.bitnet

-----

Date: Thu, 22 Sep 1994 04:05:15 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!  
convex!dfw!pt6.dfw.net!user@network.ucsd.edu  
To: ham-equip@ucsd.edu

References <35ncal\$gei@xmission.xmission.com>, <sEtVkk7gXPJV071yn@iglou.com>,  
<jeffp.780147851@access2>  
Subject : Re: Radio Shack HTX-202: Good Buy

In article <jeffp.780147851@access2>, jeffp@access.digex.net (Jeff  
Poretsky) wrote:

> The HTX-202 is sourced from ICOM.

Commonly believed, but not true. The HTX-202 is made in Korea, by a firm  
that's not known for producing other amateur gear. The only Icom-ism is  
the fact that the HTX-202 and 440 brother will accept the larger Icom  
batteries used on the IC-02/03/04 style radios.

73 Wayne KF5ZC

-----

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Tandy Forums  
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,\_\_o  
or Internet: wday@dfw.net | --\\_,<  
Member: Bicycle Mobile Hams of America (\*) / '(\*)

-----  
-----  
End of Ham-Equip Digest V94 #342  
\*\*\*\*\*